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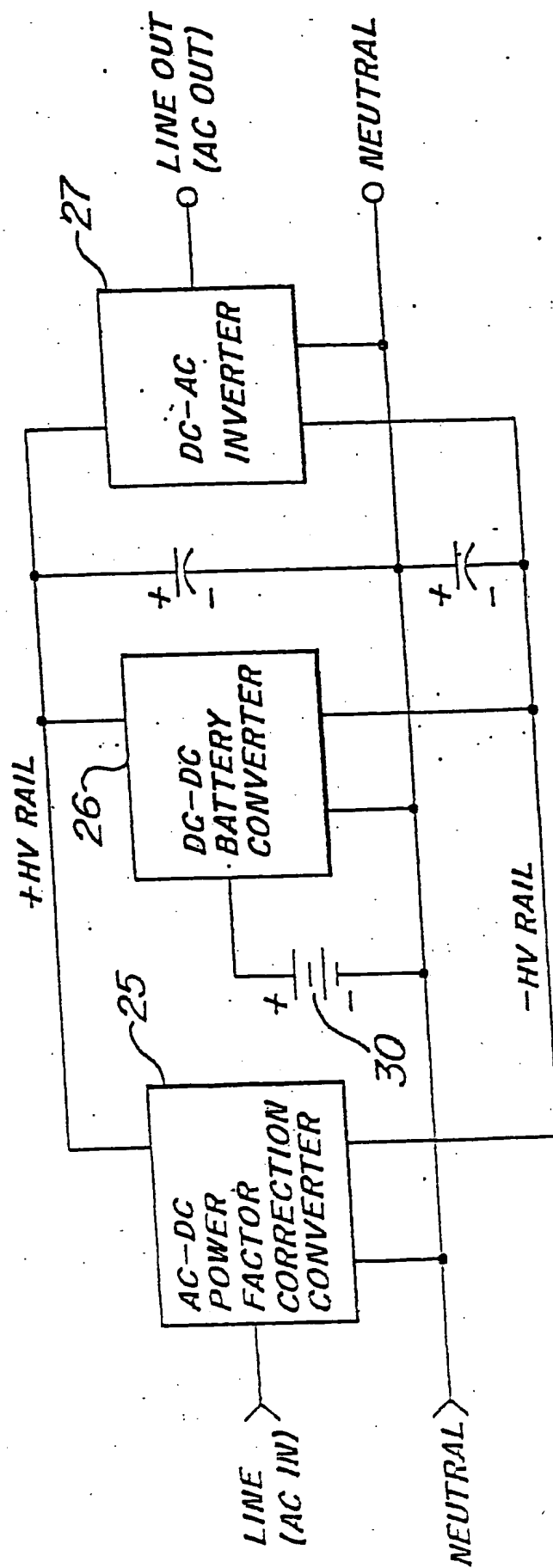
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FIG. 1 (PRIOR ART)



[illegible]

The diagram shows a power supply circuit. It starts with a 'LINE' and 'NEUTRAL' input. A capacitor C1 is connected across the line. The circuit includes a bridge rectifier with diodes D1, D2, D7, and D8. A battery BATT 30 is connected to the bridge. Transistors Q1 and Q2 are connected to the bridge output. A switch control means 33 is connected to the bridge output and the transistors. The output of the circuit is connected to a load 40 through a capacitor C4 and an inductor L3. Other components include capacitors C2, C3, C5, and C6, and inductors L1 and L2. Diodes D3, D4, D5, D6, D9, and D10 are also present. The circuit is labeled with various reference numerals: 31, 32, 35, 36, and 37.

FIG. 4A

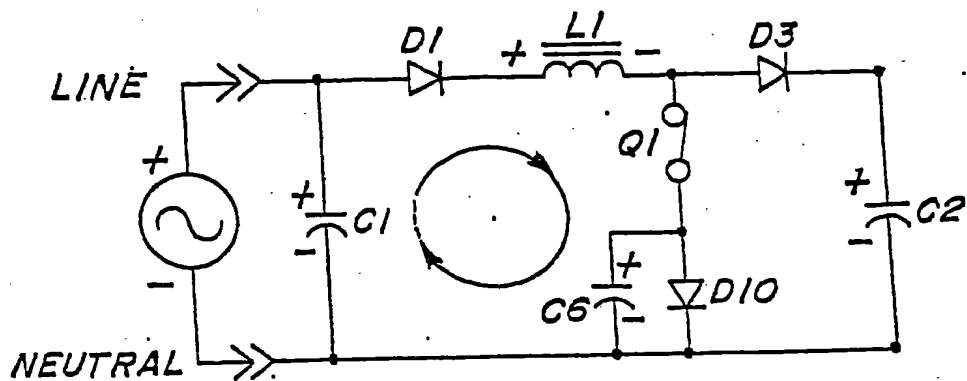


FIG. 4B

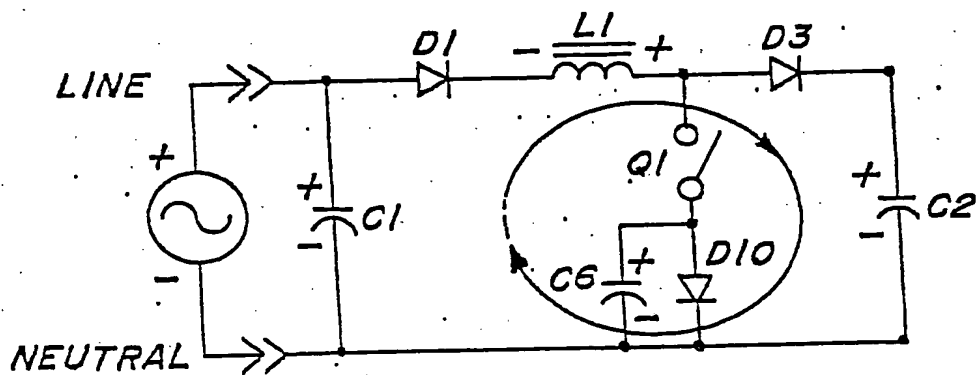


FIG. 5A

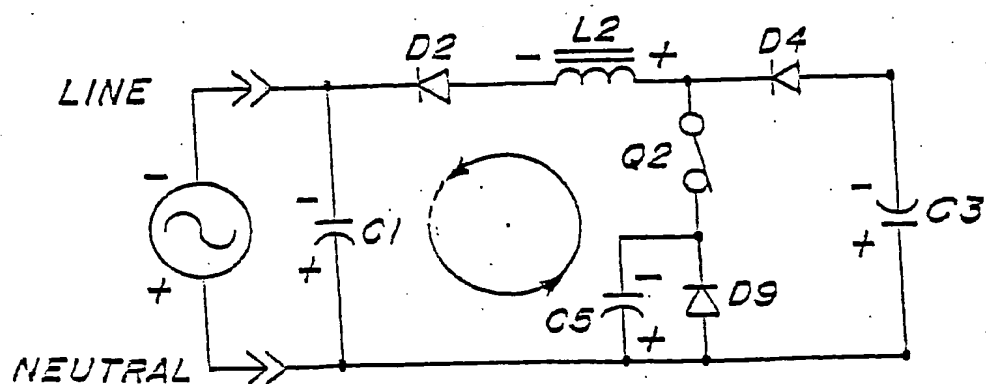


FIG. 5B

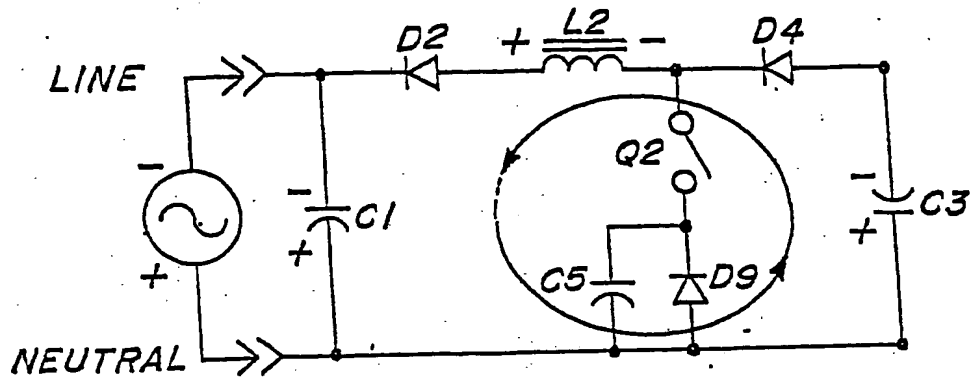


FIG. 6A

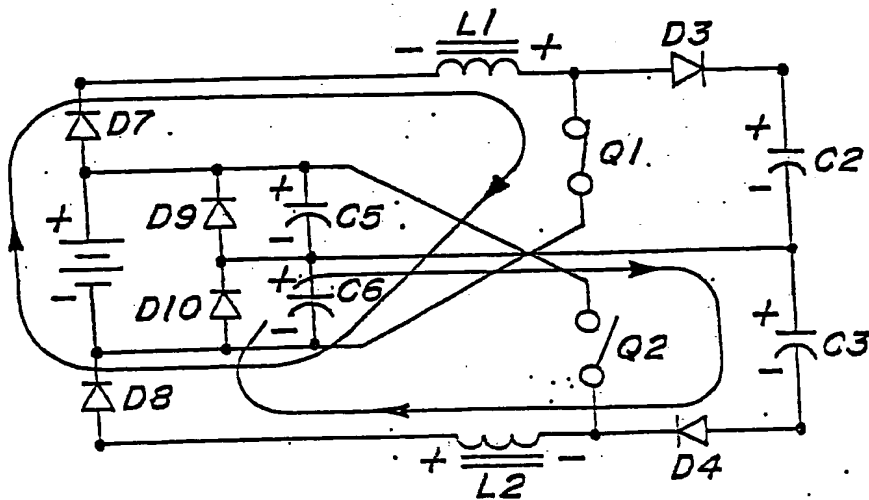


FIG. 6B

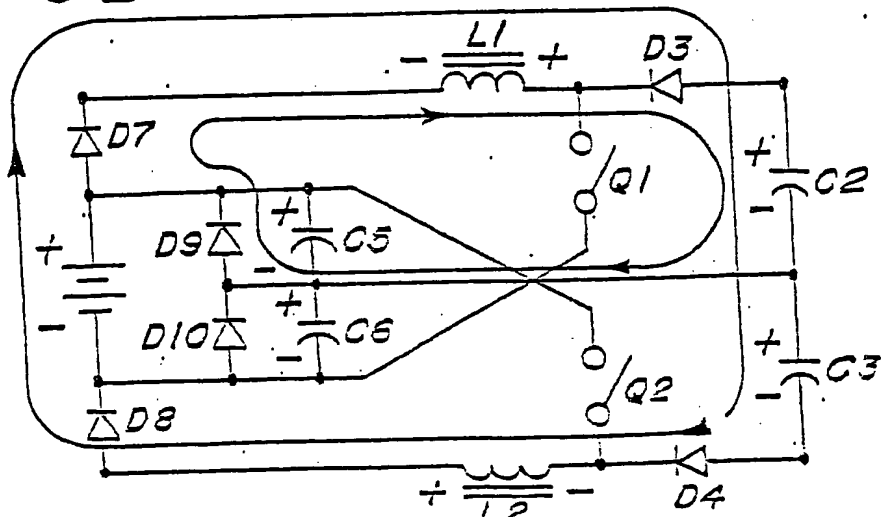


FIG. 7A

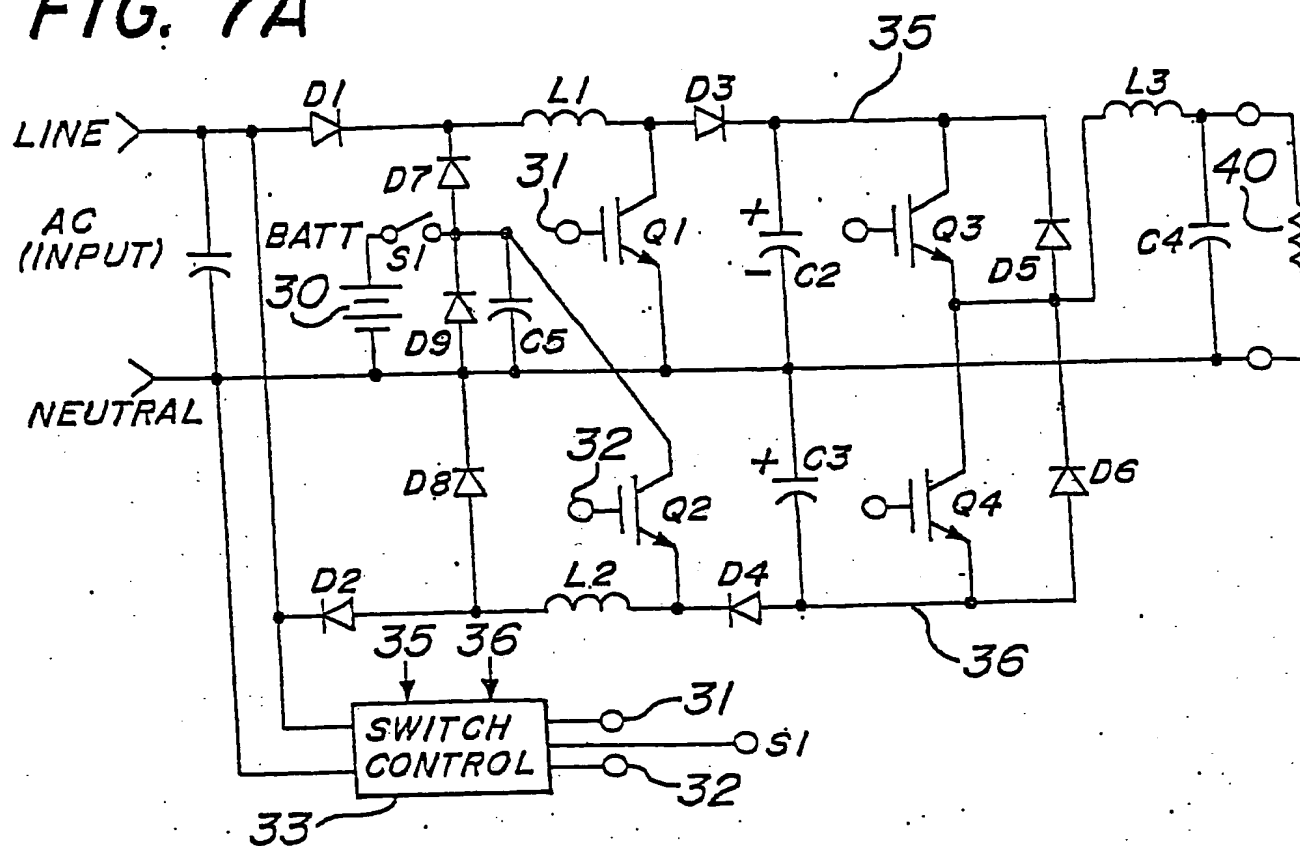


FIG. 7B

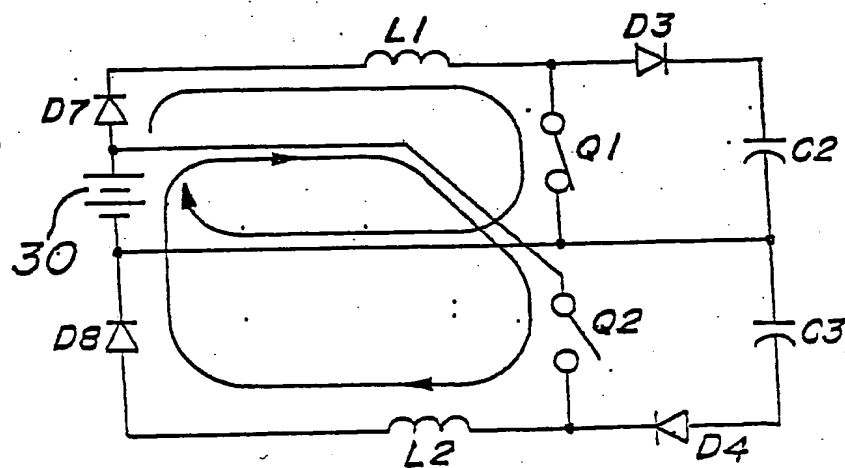


FIG. 7C

